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49  
1-24-02  
P.2.

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/802,685

DATE: 01/10/2002  
TIME: 16:10:53

Input Set : A:\37788-20016.00.txt  
Output Set: N:\CRF3\01102002\I802685.raw

ENTERED

RECEIVED

JAN 24 2002

TECH CENTER 1600/2900

4 <110> APPLICANT: Van Nest, Gary  
5 Eiden, Joseph J., Jr.  
7 <120> TITLE OF INVENTION: METHODS OF PREVENTING AND TREATING VIRAL  
8 INFECTIONS USING IMMUNOMODULATORY POLYNUCLEOTIDE SEQUENCES  
11 <130> FILE REFERENCE: 377882001600  
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/802,685  
14 <141> CURRENT FILING DATE: 2001-03-09  
16 <150> PRIOR APPLICATION NUMBER: U.S. 60/188,302  
17 <151> PRIOR FILING DATE: 2000-03-10  
19 <160> NUMBER OF SEQ ID NOS: 12  
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
23 <210> SEQ ID NO: 1  
24 <211> LENGTH: 22  
25 <212> TYPE: DNA  
26 <213> ORGANISM: Artificial Sequence  
28 <220> FEATURE:  
29 <223> OTHER INFORMATION: Polynucleotide containing CG  
31 <400> SEQUENCE: 1  
32 tgactgtgaa cgttcgagat ga 22  
34 <210> SEQ ID NO: 2  
35 <211> LENGTH: 22  
36 <212> TYPE: DNA  
37 <213> ORGANISM: Artificial Sequence  
39 <220> FEATURE:  
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45 <210> SEQ ID NO: 3  
46 <211> LENGTH: 23  
47 <212> TYPE: DNA  
48 <213> ORGANISM: Artificial Sequence  
50 <220> FEATURE:  
51 <223> OTHER INFORMATION: Polynucleotide containing CG  
53 <400> SEQUENCE: 3  
54 tcatctcgaa cgttccacag tca 23  
56 <210> SEQ ID NO: 4  
57 <211> LENGTH: 22  
58 <212> TYPE: DNA  
59 <213> ORGANISM: Artificial Sequence  
61 <220> FEATURE:  
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67 <210> SEQ ID NO: 5  
68 <211> LENGTH: 26  
69 <212> TYPE: DNA  
70 <213> ORGANISM: Artificial Sequence

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72 <220> FEATURE:  
73 <223> OTHER INFORMATION: Polynucleotide containing CG  
75 <400> SEQUENCE: 5  
76 tccataacgt tcgcctaacg ttcgtc 26  
78 <210> SEQ ID NO: 6  
79 <211> LENGTH: 22  
80 <212> TYPE: DNA  
81 <213> ORGANISM: Artificial Sequence  
83 <220> FEATURE:  
84 <223> OTHER INFORMATION: Polynucleotide containing (5-bromocytosine) G  
86 <221> NAME/KEY: misc\_feature  
87 <222> LOCATION: (1)...(22)  
88 <223> OTHER INFORMATION: n= 5-bromocytosine  
90 <400> SEQUENCE: 6  
OK 91 tgactgtgaa ngttccagat ga 22  
93 <210> SEQ ID NO: 7  
94 <211> LENGTH: 22  
95 <212> TYPE: DNA  
96 <213> ORGANISM: Artificial Sequence  
98 <220> FEATURE:  
99 <223> OTHER INFORMATION: Polynucleotide containing (5-bromocytosine) G  
101 <221> NAME/KEY: misc\_feature  
102 <222> LOCATION: (1)...(22)  
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OK 105 <400> SEQUENCE: 7  
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108 <210> SEQ ID NO: 8  
109 <211> LENGTH: 22  
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111 <213> ORGANISM: Artificial Sequence  
113 <220> FEATURE:  
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116 <221> NAME/KEY: misc\_feature  
117 <222> LOCATION: (1)...(22)  
118 <223> OTHER INFORMATION: n= 5-bromocytosine  
OK 120 <400> SEQUENCE: 8  
OK 121 tgactgtgaa ngttngagat ga 22  
123 <210> SEQ ID NO: 9  
124 <211> LENGTH: 22  
125 <212> TYPE: DNA  
126 <213> ORGANISM: Artificial Sequence  
128 <220> FEATURE:  
129 <223> OTHER INFORMATION: Polynucleotide not containing CG  
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132 tgactgtgaa ggtagagat ga 22  
134 <210> SEQ ID NO: 10  
135 <211> LENGTH: 22  
136 <212> TYPE: DNA  
137 <213> ORGANISM: Artificial Sequence

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139 <220> FEATURE:  
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142 <400> SEQUENCE: 10  
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145 <210> SEQ ID NO: 11  
146 <211> LENGTH: 24  
147 <212> TYPE: DNA  
148 <213> ORGANISM: Artificial Sequence  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: Polynucleotide containing CG  
153 <400> SEQUENCE: 11  
154 tcgtcgaacg ttcgttaacg ttcg 24  
156 <210> SEQ ID NO: 12  
157 <211> LENGTH: 22  
158 <212> TYPE: DNA  
159 <213> ORGANISM: Artificial Sequence  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: Polynucleotide not containing CG  
164 <400> SEQUENCE: 12  
165 tgactgtgaa ccttagagat ga 22

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/802,685

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Input Set : A:\37788-20016.00.txt

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L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8